

► M900

Emergency escape mask



Product description

The **M900 emergency escape mask** is available in two different filter versions: **ABEK15** for a 15 minutes protection against both organic and inorganic vapors, acids, ammonia and its derivatives and **ABEKP15** equipped with a filtration against fines particles, aerosols, viruses and bacteria in addition to the ABEK filtration.

Stored in an ergonomic plastic box for a belt or wall mounting and very easy to use, **the escape half mask M900** is compatible with other PPE: goggles, helmets, etc. The silicone face piece makes the mask very comfortable and facilitates the watertightness to the face.

The **M900** is an **emergency escape mask** that conforms to the standards for industrial filtering escape devices (DIN 58647-7). Antistatic, it can be used in explosive atmospheres (ATEX). It's a class 3 personal protective equipment, popular in working environments such as petrochemical, chemical or waste treatment industries.

Technical specifications

Function: Single-use evacuation filtering device for hazardous areas in case of accident

Operating conditions: Oxygen level > 19% in volume

Filter:

- **ABEK:** Organic vapors (boiling point >65°C, inorganic gases and vapors, SO₂, NH₃ and derivatives)
- **ABEKP:** Same as ABEK + fine particles, aerosols, viruses and bacteria

Duration of storage: 5 years (possibility to change filter and seals for 5 more years)

Certifications:

- Filtering device (against ABEK gas): DIN 58647-7:1997
- Non-electrical equipment: ATEX 2014/34/EU certified

► Escape mask M900 assets

- Easy to use: allows you to quickly escape from the hazardous area with an autonomy of 15 minutes
- 2 versions available: ABEK15 and ABEKP15
- Life of 5 years that can be extended if reconditioned with change of filters and seals
- Silicone face piece for better comfort and good watertightness to the face
- Compatible with others PPE (goggles, helmets, etc.)
- Robust and ergonomic case

Filtration capacity according to DIN 58647-7 :1997 (ABEK and ABEKP filter)

Type	Calibration gas	Concentration in ppm	Breakthrough in ppm	Minimum exposure time in min
A	Cyclohexane (C ₆ H ₁₂)	2500	10	38
B	Chlorine (Cl ₂)	2500	0.5	24
B	Hydrogen sulfide (H ₂ S)	2500	10	32
B	Hydrogen sulfide (H ₂ S)	10000	20	9
B	Hydrogen cyanide (HCN)	2500	10	>20
E	Sulphur dioxide (SO ₂)	2500	5	20
K	Ammonia (NH ₃)	2500	25	33

Additional specifications for the M900 ABEKP15 version (particles) :

Type	Flow (l/min)	Aerosol	Penetration Max allowed (%)	Penetration Max measured (%)
P	95	Sodium chloride (NaCl)	6	1.4
P	95	Paraffin oil	6	3.4

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